



November 4, 1999

Solar Systems Installed on Parking Lot in Arizona

SCOTTSDALE, Arizona - An electric utility in Arizona has installed its third solar photovoltaic system.

Arizona Public Service has installed the 34 kW system on a parking lot of a city-owned property in Scottsdale. The PV panels on the roof generate enough electricity to meet the daily needs of ten homes, and the power will be fed into the APSC grid.

This is the utility's third installation under the Solar Partners program, with partial financing from customers who pay a premium of \$2.64 per month to have 15 kWh of their electricity generated from solar technology. Funding also came from the U.S. Department of Energy under its Utility PhotoVoltaic Group, while the City of Scottsdale provided the site.

The project was opened on October 4 by Scottsdale municipal officials and executives of APSC. The two groups worked together to create the solar plant because of their belief that solar energy preserves the environment and reduces pollution from the generation of electricity.

APSC is the largest electric utility in Arizona.

Earlier this summer, APSC commissioned one of the largest hybrid power plants in the Americas at a remote fishing village in Mexico. Working with Mexico's national utility, Comision Federal de Electricidad, APSC installed ten 10 kW of wind turbines, 17 kW of PV panels, an 80 kW diesel generator, a 70 kW power processing unit and batteries in San Juanico, Baja California Sur, Mexico. At least two-thirds of the power

generated will come from the wind and PV sources, reducing emissions of greenhouse gases by 80 percent compared to the former diesel generator, and ensuring sufficient electricity generation to encourage economic development.

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